

Fig. 1

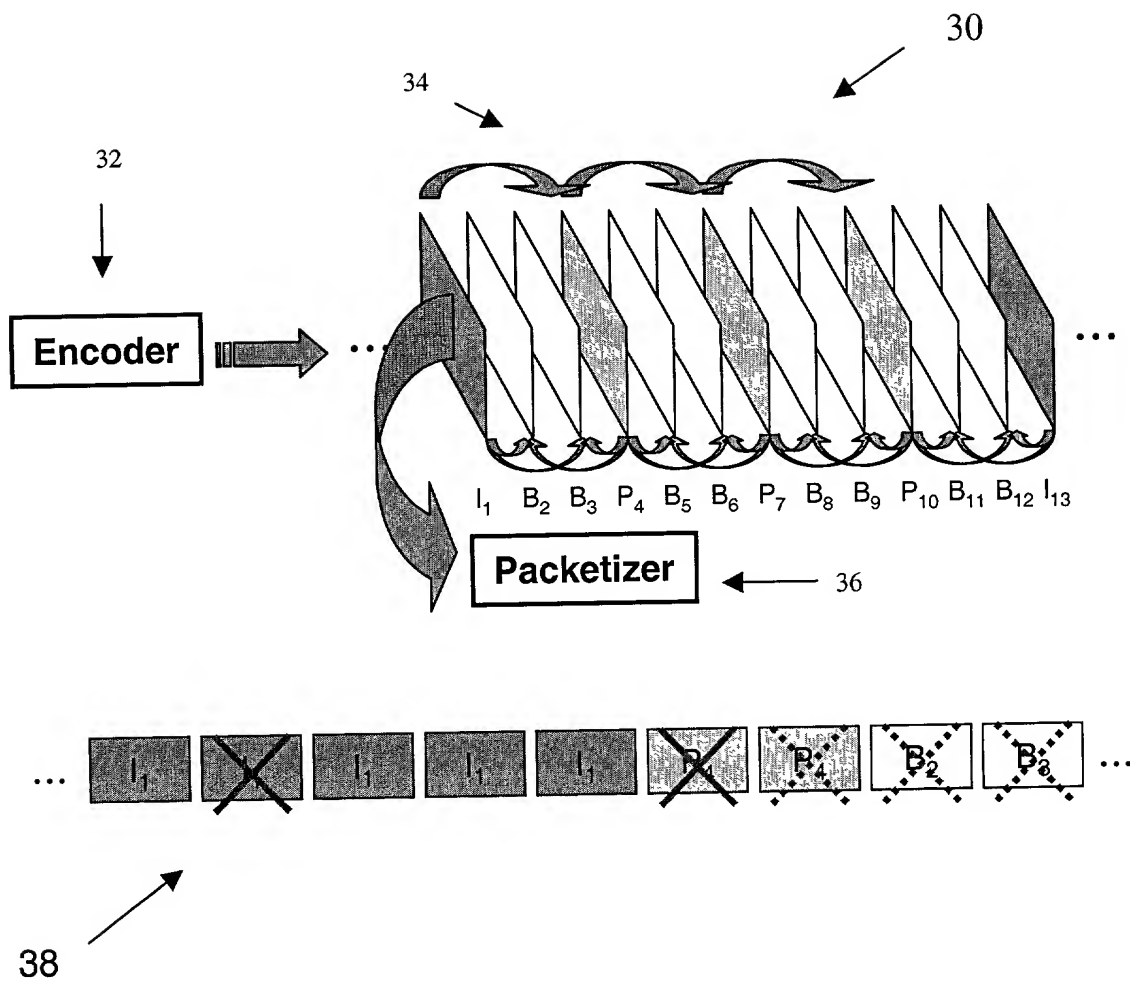


Fig. 2

FIG. 3 is a schematic diagram of a system 50 in accordance with the present invention. The system 50 includes a container 52 and a plurality of particles 54. The particles 54 are distributed within the container 52.

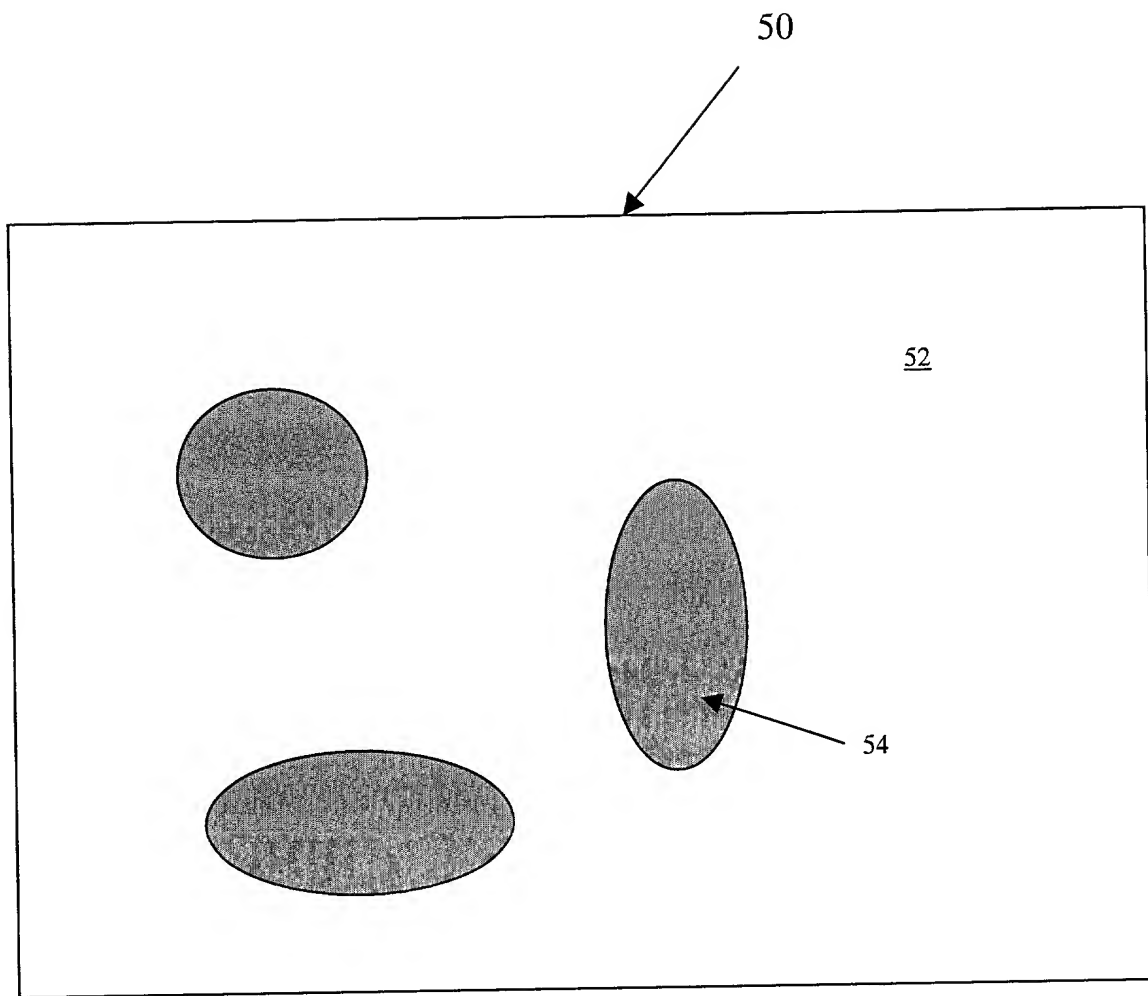


Fig. 3

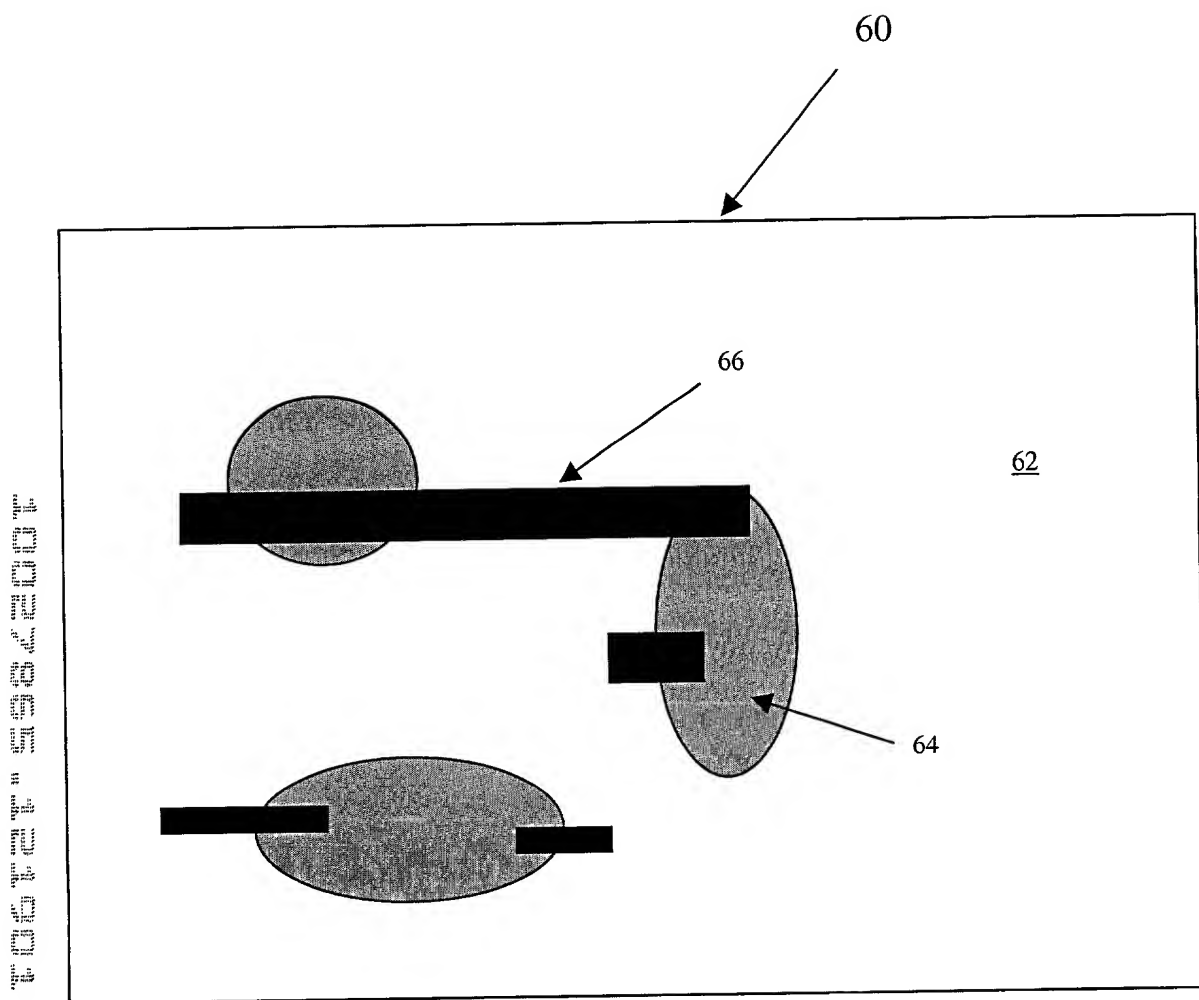


Fig. 4



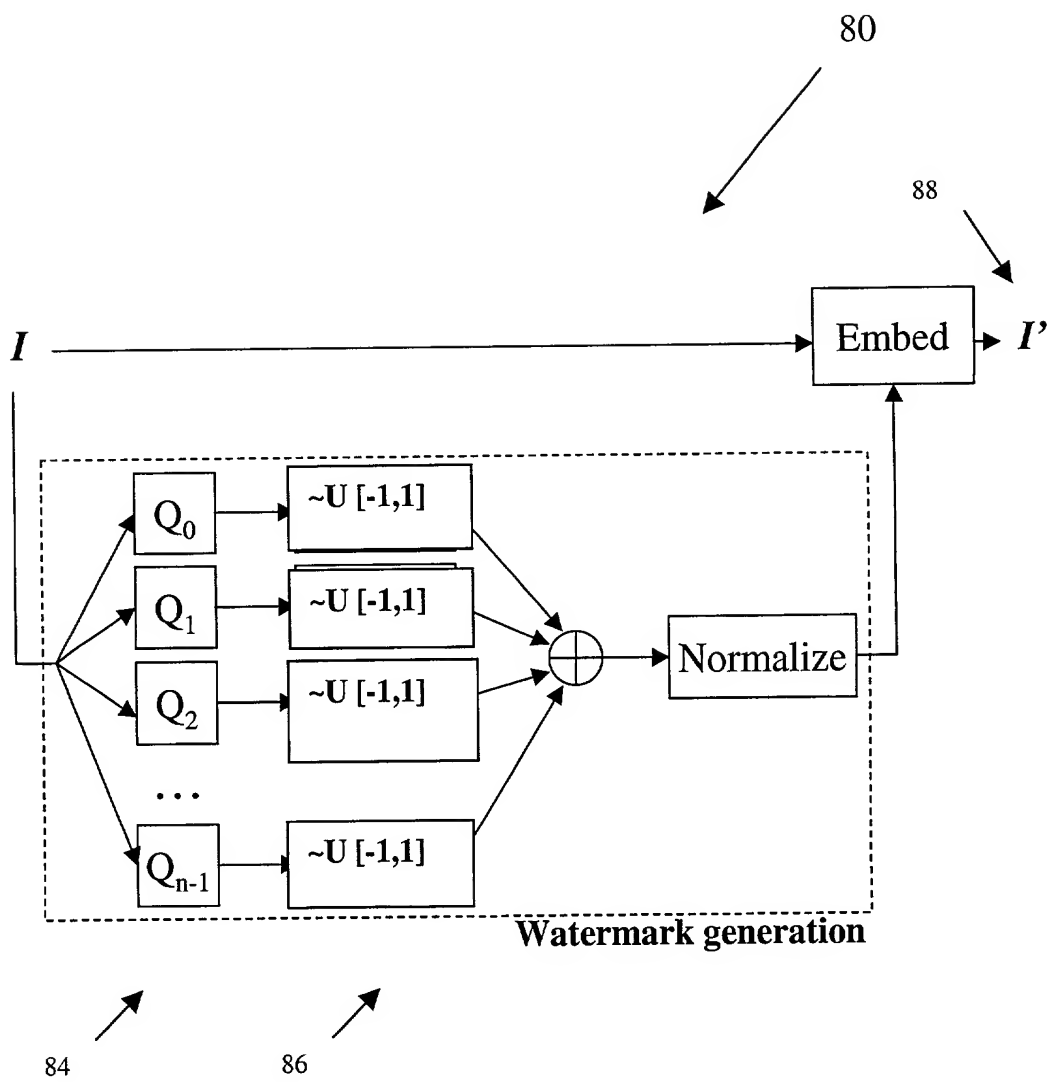


Fig. 6

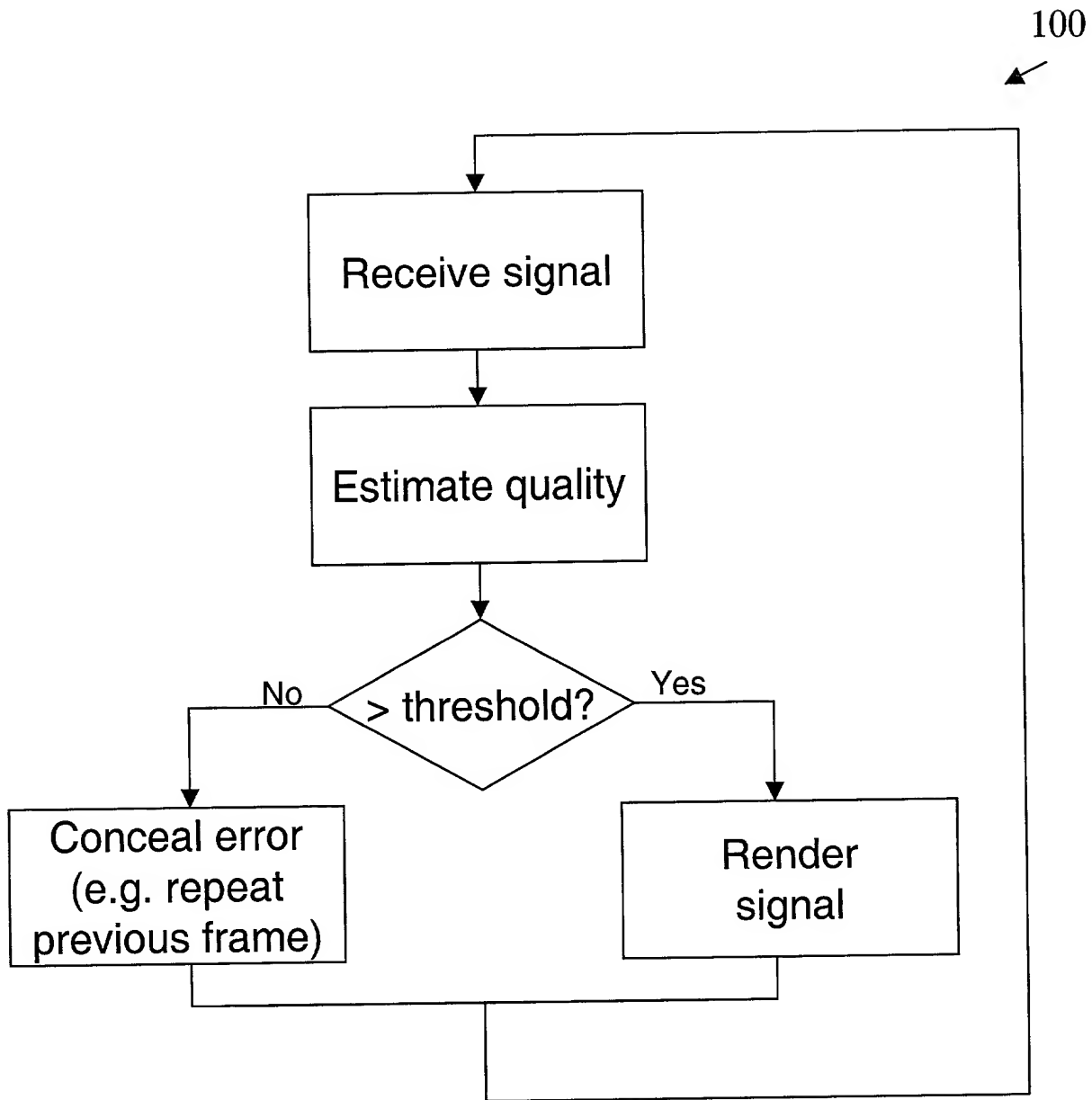


Fig. 7

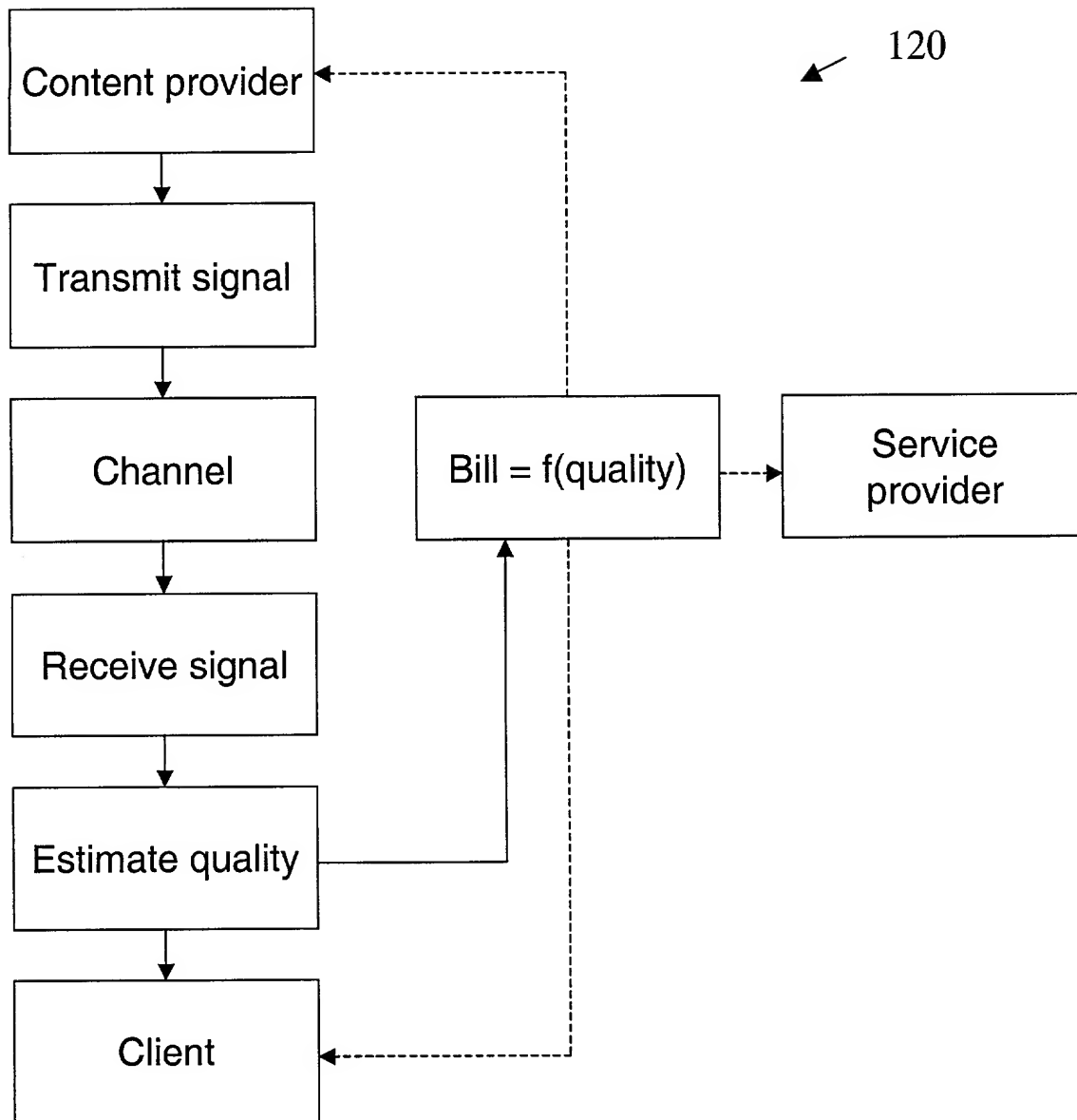


Fig. 8



FIG. 9 is a block diagram of a system 140 for generating a signal, transmitting the signal, receiving the signal, and estimating the quality of the signal.

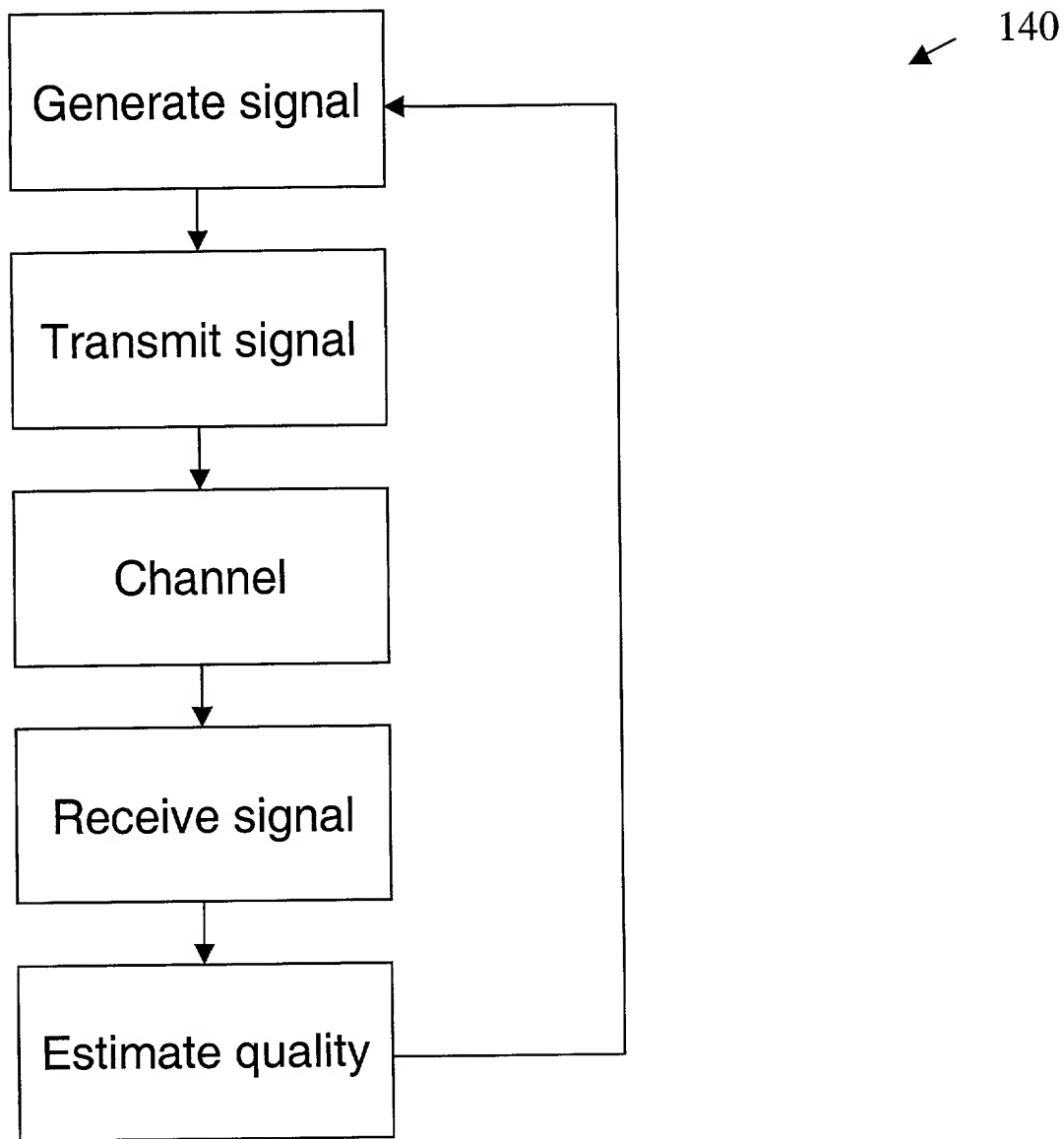


Fig. 9